



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Sanctuary System
Stellwagen Bank National Marine Sanctuary
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DRAFT 14SAC MINUTES

14th SANCTUARY ADVISORY COUNCIL MEETING
The Radisson Plymouth, MA
15th February 2005

MINUTES OF MEETING

PRESENT

| | |
|-------------------|---|
| Bill Adler | Member: Fixed Gear Commercial Fishing |
| Peter Auster | Member: Research |
| Edward Barrett | Member: Mobile Gear Commercial Fishing |
| Peter Borrelli | Member: Education |
| Dale Brown | (Alternate to Sally Yozell—At-Large) |
| Deborah Cramer | Member: At-Large |
| Kathleen Dolan | (Ex-Officio Member) |
| Susan Farady | Member: Conservation |
| Barry Gibson | Member: Recreation |
| CDR Greg Hitchen | (Ex-Officio Member) |
| Porter Hoagland | (Alternate to Mason Weinrich—Research) |
| Don Hourihan | Alternate to John Williamson—At-Large) |
| Chris Kellogg | (Designee for Paul Howard) (Ex-Officio Member) |
| Martin McCabe | (Alternate to William Eldridge—Marine Transportation) |
| William Reilly | (Alternate to Jerry Hill—Whale Watching) |
| Kathi Rodrigues | (Designee for Patricia Kurkul) (Ex-Officio Member) |
| Susan Snow-Cotter | (Ex-Officio Member) |
| Michael Sosik | (Alternate to Barry Gibson—Recreation) |
| Mason Weinrich | Member: Research |
| Dick Wheeler | Member: Education |
| John Williamson | Member: At-Large |
| Sally Yozell | Member: At-Large |

SBNMS and NATIONAL PROGRAM STAFF

| | | |
|---------------------------------|---------------|---------------|
| Craig MacDonald, Superintendent | Nathalie Ward | Dave Wiley |
| Anne Smrcina | Dede Marx | Matt Lawrence |

OTHERS PRESENT

| | | |
|------------------|-----------------|--------------|
| David Bergeron | Joanne Jarobski | Sue Rocca |
| Heather Rockwell | Dan Morast | Chris Howard |
| Cathryn Perkins | Casey McLean | Dave Slocum |
| Brian Hopper | | |



I. Welcome, Review of Agenda and Approval of 14th SAC Minutes (John Williamson)

Welcome and Review of Agenda

John Williamson opened the meeting and welcomed all members to the 14th SBNMS Sanctuary Advisory Council (SAC) meeting. The agenda was reviewed and accepted by the SAC.

Approval of 14th SAC Minutes

Susan Farady noted additions to 14th SAC Minutes. Nathalie Ward ensured revisions would be made. Minutes approved with changes. **MOTION:** *Mason Weinrich moved to accept the Minutes of the 14th SAC Meeting as amended.* The motion was seconded by Sally Yozell. Motion passed.

II. SAC Business

1. SAC Charter (Craig MacDonald)

MacDonald reported that when the SBNMS Charter was submitted to the National Marine Sanctuary Program for amendment change in 2004, language being considered for another sanctuary was inadvertently inserted and was inappropriate for this site. Because that language applied to sections of the charter that were unrelated to the SAC's proposed amendment (at 10 February 2004 meeting), it was missed in our review. The approved version of the charter (dated 2/3/05) now accurately reflects the amendments recommended by the SAC at its 10th meeting (2/10/04). This corrected version replaces the one amended previously (3/16/04) and was emailed to the SAC. Copies are available as well.

2. Officer's Report (Williamson)

Sally Yozell reported of her recent meeting with Dan Basta expressing concern over financial budget for the national program with specific attention to paucity of funds for SBNMS.

Susan Farady noted that Executive Committee has raised concerns with Sanctuary staff about the need for the website to be undated so that it was more useful for constituents, particularly during the Management Plan Review process. The National Program is overhauling all Sanctuary websites to be based on a common design. This process is still going on, and Craig and his staff are using a team approach to develop the new Stellwagen site. SAC members can see what the proposed common web design is by visiting the 'Education' link on the National Program webpage. SAC members were encouraged to look at the SBNMS site as well as websites from other Sanctuaries to see what they want in the redesigned website, and can provide input to Sanctuary staff.

3. Annual Chair and Coordinator's Meeting Report—February 2004 (Williamson)

Williamson attended the recent meeting hosted by Cordell Bank and the Gulf of the Farallones and reported the following:

- The NMS was elevated from being a program with NOS to being an office of NOS. This elevated status assists with appropriations in Congress and allows increased autonomy. Additional changes to the NMSP include the designation of a regional 4-prong approach to sanctuary management to include: the Pacific Island region (Hawaii and /Inter-islands), Pacific Coast region, the Southeast region (Gulf of Mexico & Caribbean), and Northeast Region (SBNMS, Monitor, Thunder Bay—all of which are heritage sites). Currently there are 13 national marine sanctuaries with a 14th on its way—the NW Hawaiian Coral Reef Ecological Reserve. Of these, 10 sanctuaries have SACs.
- The National Marine Sanctuary Foundation announced a \$ 2.5 million budget for 2005 with 84% going directly to programs, and a \$ 5 million endowment for the foundation.

- Case studies were presented by 10 Sanctuaries. There was much discussion on ecosystem effects of fishing; this topic was of central concern for Cordell Bank, Gulf of Farallones, Monterey Bay, CI, Olympic Coast, Northwest Hawaiian Islands, Florida Keys, Gray's Reef, and Stellwagen Bank. The SBNMS Case Study highlighted the Ecosystem-Based Management WG and AP, with particular attention to our work with the fishing community.
- Chairs heard a report from Marine Protected Areas (MPA) Center (NOAA-not part of NMSP) in which they were looking for opportunities to work with SAC and define best means to interact and value constituent groups.
- Dan Basta reported on the Bush administration's "Preserve America" initiative, wherein the NMS places emphasis on National Heritage Sites within various sanctuaries and encourages partnerships such as SBNMS partnering with Gloucester's Maritime Cultural Center. Another initiative—telepresence in the sanctuaries was a productive means of raising NMSP visibility including live feeds with divers, ROVs, etc.
- Regarding need for national policy, the NMSP is developing the considering the following policies:
 - i. Cruise ship discharge: It is important that a national standard be achieved due to competition between ports, some of which are near sanctuaries and others are not.
 - ii. Waste water and ballast discharge: many programs are moving towards prohibitions including Florida Keys, Olympic Coast, Northwest Hawaiian Islands, and Hawaiian Islands.
- Lastly, Williamson discussed an all-Sanctuaries letter (written at Chair/Coordinator's meeting) welcome the Honorable Carlos Gutierrez, Secretary U.S. Department of Commerce and familiarize Secretary Gutierrez with National Marine Sanctuary Program and SACs. Williamson requested that SBNMS endorse the letter on behalf of SBNBMS SAC. Weinrich made a **MOTION** for SBNMS SAC to "sign on" to the all-Sanctuaries letter to the Honorable Carlos Gutierrez, Secretary U.S. Department of Commerce. Gibson seconded. Auster suggested delay and noted wordsmithing changes. Motion passed with 12 Yeas and 1 abstention. SAC would endorse letter with edits and suggestions of wordsmithing.

Discussion:

Weinrich stated that SBNMS was originally preserved for national resources but now notes the regional concern for marine cultural resources (MCR). He questioned if there was reason to worry. Williamson said that MCR is a "hook" for the community. MacDonald raised the question: "Is the prevailing sentiment that as the sanctuary begins to pay attention to maritime cultural resources, the natural resources will be disadvantaged? Farady assured that this was not the case, as effective regionalization may lend itself to additional financial resources for the future. Borelli added that this effort should not just be considered a technological collaboration but as importantly an ecological collaboration is needed. Auster reminded the SAC that concerns should consider economies of scale.

4. Membership Recruitment (Nathalie Ward)

Ward stated that SBNMS would be recruiting for 4 membership seats: Business and Industry (member and alternate); Education (alternate); and, Whale Watching (Member). She encouraged SAC to notify constituent base; noted the deadline for applications was 15 April; and, gave information on how to obtain application packages.

5. Zoning Working Group (MacDonald)

MacDonald reported that there were 30-40 nominations for the Zoning WG membership. The sanctuary is in the process of contacting individuals, so WG is not fully constituted. MacDonald emphasized that this WG was part of MPR sequence rather than running on parallel tracks. The tentative date for the first meeting is May 2005.

6. Compatibility Working Group (Susan Farady)

The Compatibility WG was delayed in starting due to sanctuary staff resources. The first meeting was held in early February, wherein the WG reviewed and revised the problem statement (which was dated, having been drafted 1 1/2 years ago). Farady emphasized that it was important that the SAC understand the WG's charge—to recommend a methodology or framework that the Sanctuary Superintendent can use to make compatibility determinations. The WG will not determine if any past, present or future activities are or are not compatible within the Sanctuary. The WG's "charge" is in response to public comments raised about lack of guidance regarding "What is a compatible use within the sanctuary?"

The task of the Compatibility WG is markedly different from other WGs that are examining issue-oriented charges. The Compatibility WG exercise is to look at an abstract issue—at what a particular piece of the Sanctuary Act means. The WG plans to meet 3-4 times in the coming months in order to complete its work for the SAC's review at the 9 June meeting.

7. Prospective Working Groups (Ward)

Ward reported on a list of Prospective WGs as extracted from text of all MP Action Plans (APs). Farady asked for clarification of WGs that were short-term versus standing. SAC requested an update at the June meeting.

8. LNG Proposal (MacDonald)

MacDonald reported that he had met with subcontractors. He wants NMFS timing of LNG proposal to be party to MacDonald is more concerned with sorts of activities that may be displaced such as: (1) "deployment of use"; (2) marine mammal interactions; (3) natural resource impacts. It is important to have an informal discussion with NMFS.

Discussion:

The LNG proposed area is the Whale Center's primary research area. There is not a dedicated effort/adequate data to understand the site and right whale use. MacDonald noted that the Sanctuary could only make decisions on information it has, so if there is data that can be helpful for drafting considerations for SBNMS response, please share.

Snow-Cotter noted that this is the 2nd LNG proposal. Some members stated that it is time to take a position, and asked, "What is the schedule for input?" MacDonald said that there was no firm date that nothing was formalized. He queried the SAC, "What are the criteria we should be applying?" He also noted that there are similar proposals in other sanctuaries (Channel Islands and Flower Gardens).

III. Constituent Reports

Apparent Decline in Sanctuary Resources since 2000 (Regina Asmutis)

Anecdotal sightings of pelagic birds and whales, combined with Atlantic blue fin tuna fishing effort in the Sanctuary suggest a dramatic reduction in Sanctuary resources since 2000. This is further supported by standardized zooplankton survey data obtained within the Sanctuary during that same period. Since Sanctuary management decisions are based on historical data, it is imperative that the Sanctuary determine whether these recent declines are cyclical, an artifact, or are long term. As such, the SAC should recommend the Sanctuary prioritize investigating the health of the Sanctuary and ask NOAA (SBNMS parent agency) to also prioritize this issue.

Discussion: NEEDS FILLING IN

Auster supported Asmutis' contention and urged SAC to consider what are the critical questions to understand the problem. For example, "Is there implicit information in whale watch data that can be retrieved from other agencies to assist investigation?" Macdonald noted that whales and sand lance are proxy indicators, and suggested that Asmutis' data sets can be expanded and reviewed. The "dynamic area management data": ended in 2002—that perhaps relying on "historical data" may be too small of a subset.

Asmutis called for a "public outcry" — to find out what is the status of sanctuary resources. Auster said it is critical to look at other proxy species.

MASS SAIL (Peter Borrelli)

Peter Borrelli announced the Provincetown Center for Coastal Studies (PCCS) recent collaboration with the Ocean Classroom Foundation to launch a new series of public educational programs in 2005 aboard the 125-foot schooner *Spirit of Massachusetts* called MASSSAIL. The aim of MASSSAIL is to promote awareness and stewardship of Massachusetts's coastal waters. There will be a variety of programs offered including community day-sails (at various ports), one-week seafaring camps, and WhaleSail.

WhaleSail is a two-week program for three college credits for students ages 16-22 with intense immersion into the biology, natural history and conservation of cetaceans in the Gulf of Maine (Stellwagen Bank), as well as hands on cetacean, environmental and oceanographic data collection and seafaring skills.

Borrelli invited all SAC members to sail aboard the *Spirit* on its "kickoff" on 12 May and offered the sailing vessel for a future SAC meeting.

IV. Executive Committee Nominations/Elections (MacDonald)

MacDonald reviewed the terms of the Charter regarding the election of officers, and the roles and terms of officers. The SAC unanimously voted for the following:

- **MOTION** to elect John Williamson as SAC Chair (two-year term). Motion made by Bill Adler, second by Peter Borrelli. Accepted. This is Williamson's second term (last term) as Chair. Motion passed.
- **MOTION** to elect Susan Farady as SAC Vice-Chair (two-year year term). Motion made by John Williamson, seconded by ?) This is Farady's first term as Vice-Chair. Motion passed.
- **MOTION** to elect Sally Yozell as SAC Secretary (one-year term). Motion made by Deborah Crammer, seconded by Peter Auster. Accepted. This is Yozell's first term as Secretary. Motion passed.

V. Coal Schooner Trade in SBNMS—The *Crary* and *Paul Palmer* (Mathew Lawrence)

Matthew Lawrence, SBNMS marine archeologist, reported to SAC regarding the history and archaeology of colliers in the SBNMS:

Coal comes in two main varieties, anthracite and bituminous. America has relatively little anthracite coal in comparison to its bituminous resources. Anthracite was used primarily for home heating, while bituminous was used for steam generation in railroads, factories, and power plants. Coal mining in America first took place during the eighteenth century in Virginia; however, greater demand for coal as a power source came from the industrial revolution during the nineteenth century. Prior to the 1880s, small schooners traveling up the coast from the Chesapeake, New Jersey, and New York supplied most of New England's coal needs. During the 1880s, the vast West Virginia coal fields were opened to the coal ports at Hampton Roads, Virginia by new railroads. New, larger schooners were built to carry this increasing supply.

Stellwagen Bank National Marine Sanctuary holds the archaeological remains of several colliers that participated in the New England coal trade. These shipwrecks range in size from 100 to 260 feet long representing both the smallest and largest vessels. During the nineteenth century, most American colliers were schooners. The smallest coal schooners had two masts while the largest had five and six. Two shipwrecks located in the sanctuary represent the largest vessels engaged in the coal trade. The *Frank A. Palmer* and *Louise B. Crary* collided in December 1902 and sank to the seafloor connected at their bows. Both vessels are over 260 feet long and were carrying 3000 tons of coal each when they collided. Only 15 of the 21 sailors aboard the vessels survived the immediate collision. The survivors scrambled into the *Palmer's* longboat and then floated out into the North Atlantic for 4 nights without food, water, or warm clothing. During their time in the open boat five more sailors died before a fishing schooner 100 miles off Cape Cod rescued the rest. Sanctuary research has investigated the *Palmer/Crary* shipwreck and has found the vessels to be remarkably intact.

Discussion: ??

VI. Steamship *Portland*: Update on the SBNMS Investigation of the Site (Deborah Marx)

Deborah Marx, SBNMS marine archeologist, reported on the steamship *Portland* and SBNMS's investigation:

Stellwagen Bank National Marine Sanctuary, in partnership with the National Undersea Research Center for the North Atlantic and Great Lakes at the University of Connecticut, has spent that last three years documenting the steamship *Portland* with side scan sonar and a remotely operated vehicle (ROV) to learn about life on a coastal steamship in the late 19th century. This presentation detailed the most recent work done on the site in 2003. The investigation focused on photographing the *Portland's* main deck as part of an ongoing project to assess, study, and interpret the shipwreck for the public.

The *Portland's* wreck today represents the most intact example of a New England night boat located to date and was recently listed on the National Register of Historic Places in February 2005. The *Portland* presents an excellent opportunity for archaeological analysis about the ship itself and its passengers and crew. The *Portland* is highly significant to the history and development of steam navigation in New England in the late 19th century and will be further investigated by the Stellwagen Bank National Marine Sanctuary for years to come.

Discussion:

VII. The Sanctuary in the Public Eye (Anne Smrcina)

Description will be forthcoming by Anne.

Discussion:

Some members stated that emphasis must also be placed on the importance of Stellwagen Bank as an historical fishing site and requested that the economic value for commercial and recreational fishing needs prominent educational visibility. Others queried if there was a national outreach component beyond the web. Additional comments reiterated the importance of the updating of the website and asked to be notified if there was a “test website.”

VIII. U.S. Coast Guard’s Automatic Information System: Mapping Vessel Traffic In/Around the Sanctuary (Just Moller)

Just Moller described AIS and discussed its benefits as a potential management tool—an integrated and automated vessel-to-vessel tracking stem for collision avoidance. He noted that it is an evolving communication system between ships and shore management facilities.

More forthcoming by Just.

Discussion:

Weinrich asked what was the cost of the AIS system. Greg Hitchen replied that it was @ \$ 8000.00 per boat but was developed for a specified lass system, although it could be developed for foreign market. Members wanted to know if the Sanctuary has authority to require AIS for all vessel types. MacDonald stated that when the sanctuary received an opinion from NMSP lawyers, he would relay answer to SAC.

IX. Baleen Whales and Vessel Traffic (Dave Wiley)

David Wiley presented the results from the SBNMS’ analysis that investigated the potential conservation benefit achieved by reconfiguring the current Traffic Separation Scheme (TSS) which crosses the sanctuary. An overview of the report follows:

Although the TSS is voluntary, it hosts the greatest concentration of ship traffic in the sanctuary. A key mitigation measure to reduce interactions between right whales (and other whales) and commercial shipping is to separate them temporally and/or spatially. Reconfiguring the current TSS by rotating it ~7° north would result in a substantial conservation benefit to right and other baleen whales by moving ships through parts of the sanctuary with fewer whales. Right whale sighting data gathered from a variety of sources through 2002 (e.g., commercial whale watching vessels, NMFS surveys, Right Whale Consortium data, SBNMS surveys) recorded 874 observations of right whales within the current TSS compared to only 268 in the area encompassed by the reconfigured TSS. This 60% reduction in right whale sightings could result in a corresponding reduction in the potential for interaction with shipping.

Similar conservations benefits would be achieved for all endangered and protected species of baleen whales. Whale watching vessels recorded 57, 079 observations of baleen whales (humpback = 39,760; right = 449; fin = 8,558; minke = 8,312) within the current TSS (1979-2002); and, only 17,938 observations (humpback 12,645; right = 74; Fin = 2,813; minke = 2406) within the reconfigured TSS. The 69% reduction in baleen whales sightings within the reconfigured TSS could result in a corresponding reduction in the potential for interaction with shipping.

A problem with data derived from whale watching platforms is that it is not corrected for effort biases, nor can it be corrected for effort bias. However, systematic, standardized surveys of the sanctuary conducted during 1994/95 and 2001/02 (which are not effort biased) showed whale density patterns similar to those calculated from the more extensive whale watch database, and that the reconfigured TSS passes through areas of lesser whale density.

Additionally, the sanctuary looked for ecological correlates that might support the difference in whale sightings between the current and reconfigured TSS. With the exception of right whales, sand lance fish are the key forage species for baleen whales residing in the SBNMS. These fish prefer sandy substrate as habitat, and whales foraging on them can be expected to concentrate in areas of sandy bottom. High quality sediment mapping of the sanctuary, provided by the US Geological Service, demonstrates that 48% of the current TSS contains sand habitat, while the reconfigured TSS contains only 18% sand habitat. Thus, there is an ecological basis for the observed reduction in whale sightings and the reduction in potential interaction between whales and shipping.

Discussion:

Asmutis asked if the sanctuary is considering data outside the sanctuary boundaries? Other members agreed that it was important whenever possible to use “both” data sets.

Auster suggested use of “biomember software.” Members noted the importance of contacting the IMO to learn how best to proceed with discussion of a lane change. Hitchen asked, If the Office of Protected resources condones the lane change? And he continued to state that timing for discussion is important, i.e. once LNG opens for public discussion. There was a recommendation for changing the shipping lanes by. Borelli reviewed the necessity of a multi-track strategy re: MSSP (Mandatory Ship Strike Program) that was engaged in complex planning process. He cautioned that one agency should not be focusing on a solution that could create problems for another. Farady noted that government has veto power over this project.

MOTION: *The SAC recommends to the Superintendent, in consultations with Federal agencies regarding the possible site of offshore LNG terminals, that protection of endangered marine mammals be considered, including shifting of the existing shipping lanes within the Sanctuary to reduce risk of collision.* (9 Yeah, 1 Recuse, 3 abstain). Motion passed.

X. Investigating Underwater Behavior of Humpback Whales— In Relation to Vessel Traffic and Sound (Dave Wiley)

Dave Wiley presented the new data and visualizations on the underwater behavior of humpback whales:

The SBNMS investigated the underwater behavior of humpback whales during a research cruise conducted during the summer of 2004. Five whales were tagged and a total of 50 hrs of behavior were recorded. Since direct underwater observation of marine mammals for extended time periods is technically infeasible, scientists have resorted to deploying a variety of devices on animals to measure and depict motor behavior. These devices range from simple time/depth recorders to complex units capable of logging multiple variables. For example, the Johnson DTAG simultaneously logs body pitch, roll, heading and depth in the water column while recording sounds emitted and received by the tagged animal. For scientific representation, the dynamic nature of these data (and the animal) is usually depicted by static images or animations of simple data fields (e.g., time and location).

GeoZui3D is a pioneering geo-referenced data visualization system created by the University of New Hampshire’s Center for Coastal and Ocean Mapping. It allows the integration of multiple data sources (e.g., pitch, roll, heading, and depth) to create a dynamic visualization of whale motor behavior that can be synchronized to sound or other files. The results allow virtual visualization of the underwater activities of the tagged animal, concurrent with sounds the animal makes and hears, as well as shipping tracks or other measured aspects of the environment. In addition, time in GeoZui3D can be sped up or slowed down depending on the need of the investigator. Additionally, there is a zooming user interface system that allows for fine or large scale viewing from multiple perspectives. Support for data analysis is provided through the ability to add 4D “tags” (encoding position and time) with associated text. These allow the researcher to mark and annotate interesting spatio-temporal events and return to them later. To illustrate the system, the SAC viewed examples of the dive tracks of humpback whales tagged during the cruise.

Discussion:

There was mention of ARU (Autonomous Recording Units) for making pop-up buoys to record noise budget within 20Hz to 64 kHz. Yozell commented that NMFS OPR is conducting a programmatic EIS on acoustics of the marine environment. Wiley reported that D-tag research would continue this summer on research cruise 26 June to 10 July 2005.

XI. Other Council Business

MacDonald stated that by June SAC meeting he hoped that SAC might be able have a preview of MPR. He would discuss the options with Micheal Weiss. MacDonald reviewed the MPR schedule noting the public comment period was 60-90 days after MP released. The release date was Fall 2005 with the earliest possible date September 2005. Weinrich noted that DEIS on marine mammal entanglements should be forthcoming in near future to assist the Marine Mammal Entanglement Action Plan.

XII. Public Comment

No public comment was given.

XIII. ADJOURN

The 13th SAC Meeting was adjourned at 5:00 PM

SUMMARY of MOTIONS

15 February 2005

- ***MOTION to accept the amended Minutes of the 13th SAC Meeting. Passed***
- ***MOTION to elect John Williamson as Chair of SBNMS SAC. Passed***
- ***MOTION to elect Susan Farady as Vice Chair of SBNMS SAC. Passed***
- ***MOTION to elect Sally Yozell as Secretary of SBNMS SAC. Passed***
- ***MOTION for SBNMS SAC to sign letter of welcome to Secretary of Commerce, Carlos Gutierrez. Passed.***
- ***MOTION that the SAC recommends to the Superintendent, in consultations with Federal agencies regarding the possible site of offshore LNG terminals, that protection of endangered marine mammals be considered including shifting of the existing shipping lanes within the Sanctuary to reduce risk of collision. Passed.***

APPENDIX A

SAC Voting Record, November 5, 2004

**SBNMS SAC Action Plan Review
Voting Sheet**

MOTION to accept the amended Minutes of the 13th SAC Meeting. Passed

| Last | First | SAC Designation | Yea | Nay | Abstain |
|-------------|--------------|----------------------------|------------|------------|----------------|
| Adler | William | SAC Member | X | | |
| Auster | Peter | SAC Member | X | | |
| Barrett | Edward | SAC Member | X | | |
| Borrelli | Peter | SAC Member | X | | |
| Brooks | Priscilla | SAC Member | Absent | | |
| Cramer | Deborah | SAC Member | X | | |
| Farady | Susan | SAC Member | X | | |
| Gibson | Barry | SAC Member | X | | |
| Kent, III | Jackson | SAC Member | Resigned | | |
| McCabe | Martin | SAC Alternate | X | | |
| Reilly | Chip | SAC Alternate | X | | |
| Weinrich | Mason | SAC Member | X | | |
| Wheeler | Richard | SAC Member | X | | |
| Williamson | John | SAC Member | X | | |
| Yozell | Sally | SAC Member | X | | |

Totals: 13 0 0

**SBNMS SAC Action Plan Review
Voting Sheet**

MOTION for SBNMS SAC to “sign on” to the all-Sanctuaries letter to the Honorable Carlos Gutierrez, Secretary U.S. Department of Commerce. Passed.

| Last | First | SAC Designation | Yea | Nay | Abstain |
|-------------|--------------|------------------------|------------|------------|----------------|
| Adler | William | SAC Member | X | | |
| Auster | Peter | SAC Member | | | X |
| Barrett | Edward | SAC Member | X | | |
| Borrelli | Peter | SAC Member | X | | |
| Brooks | Priscilla | SAC Member | Absent | | |
| Cramer | Deborah | SAC Member | X | | |
| Farady | Susan | SAC Member | X | | |
| Gibson | Barry | SAC Member | X | | |
| Kent, III | Jackson | SAC Member | Resigned | | |
| McCabe | Martin | SAC Alternate | X | | |
| Reilly | Chip | SAC Alternate | X | | |
| Weinrich | Mason | SAC Member | X | | |
| Wheeler | Richard | SAC Member | X | | |
| Williamson | John | SAC Member | X | | |
| Yozell | Sally | SAC Member | X | 0 | 1 |
| | | Totals: | 12 | 0 | 1 |

**SBNMS SAC Action Plan Review
Voting Sheet**

MOTION to elect John Williamson as Chair of SBNMS SAC. Passed

| Last | First | SAC Designation | Yea | Nay | Abstain |
|-------------|--------------|----------------------------|------------|------------|----------------|
| Adler | William | SAC Member | X | | |
| Auster | Peter | SAC Member | X | | |
| Barrett | Edward | SAC Member | X | | |
| Borrelli | Peter | SAC Member | X | | |
| Brooks | Priscilla | SAC Member | Absent | | |
| Cramer | Deborah | SAC Member | X | | |
| Farady | Susan | SAC Member | X | | |
| Gibson | Barry | SAC Member | X | | |
| Kent, III | Jackson | SAC Member | Resigned | | |
| McCabe | Martin | SAC Alternate | X | | |
| Reilly | Chip | SAC Alternate | X | | |
| Weinrich | Mason | SAC Member | X | | |
| Wheeler | Richard | SAC Member | X | | |
| Williamson | John | SAC Member | X | | |
| Yozell | Sally | SAC Member | X | | |

Totals: 13 0 0

**SBNMS SAC Action Plan Review
Voting Sheet**

MOTION to elect Susan Farady as Vice Chair of SBNMS SAC. Passed

| Last | First | SAC Designation | Yea | Nay | Abstain |
|-------------|--------------|----------------------------|------------|------------|----------------|
| Adler | William | SAC Member | X | | |
| Auster | Peter | SAC Member | X | | |
| Barrett | Edward | SAC Member | X | | |
| Borrelli | Peter | SAC Member | X | | |
| Brooks | Priscilla | SAC Member | Absent | | |
| Cramer | Deborah | SAC Member | X | | |
| Farady | Susan | SAC Member | X | | |
| Gibson | Barry | SAC Member | X | | |
| Kent, III | Jackson | SAC Member | Resigned | | |
| McCabe | Martin | SAC Alternate | X | | |
| Reilly | Chip | SAC Alternate | X | | |
| Weinrich | Mason | SAC Member | X | | |
| Wheeler | Richard | SAC Member | X | | |
| Williamson | John | SAC Member | X | | |
| Yozell | Sally | SAC Member | X | | |

Totals: 13 0 0

**SBNMS SAC Action Plan Review
Voting Sheet**

MOTION to elect Sally Yozell as Secretary of SBNMS SAC. Passed

| Last | First | SAC Designation | Yea | Nay | Abstain |
|-------------|--------------|----------------------------|------------|------------|----------------|
| Adler | William | SAC Member | X | | |
| Auster | Peter | SAC Member | X | | |
| Barrett | Edward | SAC Member | X | | |
| Borrelli | Peter | SAC Member | X | | |
| Brooks | Priscilla | SAC Member | Absent | | |
| Cramer | Deborah | SAC Member | X | | |
| Farady | Susan | SAC Member | X | | |
| Gibson | Barry | SAC Member | X | | |
| Kent, III | Jackson | SAC Member | Resigned | | |
| McCabe | Martin | SAC Alternate | X | | |
| Reilly | Chip | SAC Alternate | X | | |
| Weinrich | Mason | SAC Member | X | | |
| Wheeler | Richard | SAC Member | X | | |
| Williamson | John | SAC Member | X | | |
| Yozell | Sally | SAC Member | X | | |

Totals: 13 0 0

**SBNMS SAC Action Plan Review
Voting Sheet**

- ***MOTION that the SAC recommends to the Superintendent, in consultations with Federal agencies regarding the possible site of offshore LNG terminals, that protection of endangered marine mammals be considered including shifting of the existing shipping lanes within the Sanctuary to reduce risk of collision. (9 Yea, 1 Recuse, 3 abstain). Passed.***

| Last | First | SAC Designation | Yea | Recuse | Abstain |
|-------------|--------------|----------------------------|--------------|---------------|----------------|
| Adler | William | SAC Member | X | | |
| Auster | Peter | SAC Member | X | | |
| Barrett | Edward | SAC Member | X | | |
| Borrelli | Peter | SAC Member | X | | |
| Brooks | Priscilla | SAC Member | Absent | | |
| Cramer | Deborah | SAC Member | X | | |
| Eldridge | Bill | SAC Member | X | | |
| Farady | Susan | SAC Member | | | X |
| Gibson | Barry | SAC Member | X | | |
| Kent, III | Jackson | SAC Member | Resigned | | |
| McCabe | Marty | SAC Alternate | | | X |
| Reilly | Chip | SAC Alternate | X | | |
| Weinrich | Mason | SAC Member | X | | |
| Wheeler | Richard | SAC Member | Left early ? | | |
| Williamson | John | SAC Member | | | X |
| Yozell | Sally | SAC Member | | X | |
| | | Totals: | 9 | 1 | 3 |

